

S/030/62/000/005/003/006
B117/B102

Theory of plastic deformation...

friction. Similar problems arise also during the pressing of products made from heavy non-ferrous metals and alloys. Experience gathered by the scientific school headed by A. I. Tselikov, Corresponding Member AS USSR, has shown that, as regards the automation of metal-working processes, there is advantage in the replacement of obsolete discrete working processes by the working of metals under continuous pressure. New continuous and efficient methods were suggested and appropriate machinery has been designed. In conclusion it is pointed out that further development of the related production industries presupposes research on new metal-working processes and on their scientific foundation.

Card 3/3

S/182/63/000/002/005/007
A004/A126

AUTHOR: Tomlenov, A. D.

TITLE: Formation of slip bands in plastic deformation processes of sheet metal

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 2, 1963, 17 - 19

TEXT: In the present article the author establishes the relation between the origination of slip bands and the nature of the plastically stressed state in drawing and anisotropy of sheet steel. He derives appropriate formulae, shows the slip bands originating in homogeneous uniaxial tension, the distribution of slip bands in the nonhomogeneous biaxially stressed state, and presents a table of the change in direction of the slip band depending on the nature of the stressed state. It was found that the distribution of slip bands does not only depend on the stressed state but also on the anisotropy of the sheet metal. According to tests carried out earlier, it follows that killed sheet steel in comparison with rimmed steel is less inclined to form slip bands, not only due to a different ageing effect, but also because of a favourable effect of anisotropy. There are 3 figures and 1 table.

Card 1/1

AM4035371

BOOK EXPLOITATION

S/

Tomlenov, A. D.

Mechanics of processes in metalworking by pressure (Mekhanika protsessov obrabotki metallov davleniyem), Moscow, Mashgiz, 1963, 234 p. illus., biblio. Errata slip inserted. 4,000 copies printed.

TOPIC TAGS: metallurgy, metalworking, metal flow, plastic deformation, forging, stamping, closed die forging

PURPOSE AND COVERAGE: The book is devoted to the methods of calculating the processes of plastic deformation of metals on the basis of modern plasticity theory. The data cited in the book meet the requirements for an in-depth and clear mathematical description of the essence of these processes. In addition to problems of plastic deformation, the book considers the problems of calculating the flow rate of metal using concrete examples. The book is intended for engineers and researchers working in the working of metal by pressure.

TABLE OF CONTENTS [abridged]:

Card 1/2

AM035371

- Foreword -- 3
Ch. I. Stress and strain -- 5
Ch. II. Deformation, deformation rate, and their relation to stresses -- 21
Ch. III. Conditions of plasticity -- 33
Ch. IV. Unidimensional plastic deformation -- 45
Ch. V. Slip line method -- 77
Ch. VI. Plotting the rate fields in elastic deformation processes -- 128
Ch. VII. Approximate energy method of determining the forces caused by the plastic flow of metal -- 142
Ch. VIII. Sheet stamping -- 151
Ch. IX. Forging -- 179
Ch. X. Closed die forging -- 197
Appendices -- 214
Bibliography -- 225

SUB CODE: MM

SUBMITTED: 31Jul63

NR REF Sov: 129

OTHER: Q44

DATE ACQ: 31Jan64

Card 2/2

TOMLENOV, A.D. (Moscow)

"Investigation of processes of plastic forming of metal sheets"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64.

TOMLENOV, A.D., prof., doktor tekhn. nauk, otv. red.; KOSTAN'YAN,
A.L., red. izd-va; SIMKINA, G.S., tekhn. red.

[Calculation of plastic metal shaping processes]Raschety pro -
tsessov plasticheskogo formoizmeneniia metallov. Moskva, Izd-
vo Akad. nauk SSSR, 1962. 81 p. (MIRA 15:8)

1. Akademiya nauk SSSR. Institut mashinovedeniya.
(Forging)

SHELEPIN, M.N.; PAUK, M.Ya.; FUNTIKOV, V.Z.; VARLAMOV, S.S.; SLIN'KO, A.G.;
TOMLENOV, V.K.; ZAGNIXEV, V.M.

Saving of power in a compressor station. Prom.energ. 17 no.7:6
Jl '62. (MIRA 15:7)
(Compressed air) (Compressors)

GONCHARENKO, B.L., red.; PETRUSHIN, M.I., kand.ekonom. nauk, red.; SAMBORSKIY, G.I., kand. ekon. nauk, red.; TOLKACHEV, A.S., kand. ekon. nauk, red.; TOMLENNOVA, A.K., red.; PONOMAREVA, A.A., tekhn. red.

[Continuity in planning and state plan indices] Nepreryvnost' v planirovani i pokazateli gosudarstvennogo plana. Pod red. B.L.Goncharenko i dr. Moskva, Izd-vo ekon.lit-ry, 1962. 439 p. (MIRA 15:8)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskiy institut.
2. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosudarstvennogo nauchno-ekonomiceskogo soveta Soveta Ministrov SSSR (for Petrushin, Samborskiy, Tolkachev).
(Russia--Economic policy) (Index numbers (Economics))

TOMLING, Y.L.R., Inst.

Combined resilience of the steel framework of a building with
that of a gantry crane. Trudy TSNIISK no.4:95-110 '61.
(MIRA 15:2)

(Structures, Theory of)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220011-6

TOMLJANOVIC, Toma

New interurban telephone exchanges. PTT Zajed 5 m.6:12-14
S-0 '63

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220011-6"

Polymer compounds IV. A synthesis of some $\alpha,\beta,\beta,\gamma$ -tetraenes. D. Kekulé, M. Mihalac and T. P. Gedeck. Thesis of I. B. B. Gajer and S. Čirček (Univ. Zagreb, Yugoslavia) 1951.

$\text{C}_6\text{H}_5\text{CH}_2\text{NH}_2$ was added to a solution of $\text{C}_6\text{H}_5\text{CH}_2\text{COCl}$ in CHCl_3 at room temperature, and the mixture refluxed for 1 hr. The reaction mixture was cooled, and NaBH_4 added until no further reduction was observed. The reaction mixture was then extracted with CHCl_3 , and the extract dried over CaH_2 . After removal of the solvent, the residue was dissolved in CHCl_3 , and $\text{I} \cdot \text{R}' = \text{C}_6\text{H}_5\text{CH}_2$ added. The mixture was refluxed again for 1 hr., then cooled overnight, evap'd in vacuo at 40°, and the residue dissolved in CHCl_3 . NaBH_4 was added until no further reduction was observed, and the reaction mixture was extracted with CHCl_3 , dried over CaH_2 , and crystallized from EtOH to give 50% pure $\text{I} \cdot \text{R}' = \text{C}_6\text{H}_5\text{CH}_2$, m.p. 74–75°; quinoline deriv., m.p. 147°. VI. A syn-

The product was collected, washed with water, dried, and weighed. The yield was 1.0 g. (40% yield). The infrared spectrum of the product was identical with that of the starting material.

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220011-6"

L 02522-67 EWT(d)/EWT(m)/EWP(w)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/IG/HM/EM .

ACC NR: AT6022514 SOURCE CODE: UR/2787/65/000/010/0117/0156

AUTHOR: Mel'nikov, N. P. (Doctor of technical sciences, Professor); Dovzhenko, A. S. (Candidate of technical sciences); Tomling, Yu. R. (Engineer)

ORG: None

58
55
B+1

TITLE: Experimental study of the static strength of thick welded vessel elements during transition to a state of brittle fracture

SOURCE: Moscow. Gosudarstvennyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu stal'nykh konstruktsiy i mostov. Materialy po metallicheskim konstruktsiyam, no. 10, 1965, 117-156

TOPIC TAGS: static load test, stress analysis, stress concentration, shear strength, weld evaluation

ABSTRACT: The authors study the static strength of thick welded vessel elements under conditions of transition into a brittle fracture state. The work is divided into two sections: the first section is concerned with the study of the linear stressed state while the second is devoted to the plane stressed state. Three series of tests were performed: 1. testing thick plates made of base metal, and welded joints at normal and below-zero temperatures; 2. testing thick plates reinforced with circular ribs at openings; 3. testing a thick plate with four holes at

Card 1/2

L 02522-67

ACC NR: AT6022514

3

normal, elevated and below-zero temperatures. All of the tests are concerned with the first section of this study. The test data are compared for the thick-plate specimens which were subjected to axisymmetric stretching.¹⁴ A table is given showing the basic mechanical strength characteristics such as stress concentration factors, types of failure and values of residual deformation. These are given in the order of their static testing. These data show that stress deformation curves for thick welded plate specimens subjected to axisymmetric stretching deviate from the stretching curve of standard specimens and for thick-plate specimens made from the base metal. Three types of failure were observed in axisymmetric stretching of thick-plate and welded joints: ductile fracture due to shear; ductile-brittle failure due to shear and tearing; nearly brittle or pure failure is a particular type of brittle failure caused by tearing. These tests make it possible to produce thick-walled vessels with welded-in branch pipes which are capable of withstanding the transition of the structural elements from ductile to brittle failure. It is shown that the nature of the linear stressed state significantly aids the working conditions of thick plates as compared to the plane stressed state. This makes it necessary to withhold final conclusions until such elements have been studied with respect to the plane stressed state. Orig. art. has: 22 figures, 2 tables.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 007

Card 2/2 egr

GALONEN, Yu., kandidat tekhnicheskikh nauk; BLATNOV, M., kandidat tekhnicheskikh nauk; BONDAREVSKIY, D., kandidat tekhnicheskikh nauk; TOMLYANOVICH, D., kandidat tekhnicheskikh nauk

New textbook for streetcar operators ("Operating a streetcar." G.M.Knerel'. Reviewed by IU.Galonen and others). Zhil.-kom.khoz.5 no.4:30'55. (Street railways) (MLRA 8:9)

STRIZHINSKIY, I., kandidat tekhnicheskikh nauk; TOMLYANOVICH, D.,
kandidat tekhnicheskikh nauk.

Protection of city underground metal pipelines from corrosion.
Zhil.-kom. khoz. 3 no.11:12-17 [N] '53. (MLRA 6:12)
(Pipelines) (Corrosion and anti-corrosives)

TREGUBENKO, Mikhail Grigor'yevich; SHAPOSHNIKOV, Vasiliy Grigor'yevich;
TOMLYANOVICH, D.K., red.; AVRUSHCHENKO, R.A., red.izd-va; SHLIKHT,
A.A., tekhn.red.

[Maintenance and repair of substations of street car and trolley
buslines] Ekspluatatsia tiagovykh podstantsii tramvaiia i trolley-
busa. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959. 442 p.
(MIRA 12:11)

(Electric substations)

LEVIN, B.M.; TONLYANOVICH, D.K.

Certain features of the operation of a parallel fed contact network.
Sbor. nauch. rab. AKKH no. 2:26-38 :60. (MIRA 15:5)
(Electric railroads--Wires and wiring)

AFANAS'YEV, A., inzh.; RYABAKOV, A., inzh.; SMIRNOV, A., knad.tekhn.nauk;
TOMLYANOVICH, D., knad.tekhn.nauk.

Streetcars should have pole current collectors. Zhil-komm. khoz. 13
no.2:16-17 '63. (MIRA 16:3)
(Streetcars—Electric equipment)

ZAGAYNOV, N.A.; TOMLYANOVICH, D.K.

Scientific and technical conferences on the electric power supply of municipal electrified transportation. Elektrичество (MIRA 15:5) no.4:92-93 Ap '93.

(Street railways~ Congresses)
(Electric railroads~ Current supply)

YEFREMOV, Ivan Semenovich; VOLKOV, Andrey Fedotovich; ZAGAYNOV,
Nikolay Alekseyevich; NIKOL'SKIY, Igor' Konstantinovich;
TIKHOMIROV, Sergey Semenovich; CHERVINSKIY, Vladimir
Mikhaylovich; TOMLYANOVICH, D.K., red.

[Semiconductor power rectifiers in municipal transport] Po-
luprovodnikovye silovye preobrazovateli na gorodskom trans-
porte. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1963. 82 p.
(MIKA 17:9)

NIKOL'SKAYA, N.Ye., inzh.; TOMLYANOVICH, D.K., kand. tekhn. nauk

Overvoltages and protection from them in the traction substations
of municipal electric transport systems. Elektrotehnika 35 no.11:
16-18 N '64. (MIRA 18:6)

KUZNETSOV, Boris Tikhonovich; TCHIKANOVICH, D.K., red.

[Traction networks of streetcars and trolleybuses]
Tiagovye seti tramvaiia i trolleybusa. Izd.3., perer. i
dop. Moskva, Stroizdat, 1964. 338 p. (MIRA 17:10)

BUZETTI, Dante Karlovich; TOMLYANOVICH, David Karlovich;
TREGUBENKO, M.G., ed.

[Protection of streetcar and trolleybus contact networks
from short-circuit currents] Zashchita tiagovykh setei
tramvaia i trolleybusa ot tokov korotkogo zamykaniiia. Mo-
skva, Stroizdat, 1964. 46 p. (MIRA 17:9)

TOMLYANOVICH, D.K.

Choosing a power supply system for the contact networks of street
cars and trolley buses. Sbor.nauch.rab.AKKh no.13:3-11 '62.
(MIRA 16:4)

(Streetcars) (Trolley buses)

TOMLYANOVICH, D.K.; SMIRNOV, A.G.

Methods of making electric computations for the power supply
system of streetcars and trolley buses with parallel feed to
the contact network. Sbor.nauch.rab.AKKh no.13:25-48 '62.
(MIRA 16:4)

(Streetcars) (Trolley buses)

ZHITS, M.Z.; TOMLYANOVICH, D.K.; VLASOVA, L.M.

Experimental trolley bus line operating on 1200 v. Sbor.
nauch.rab.AKKH no.13:12-17 '62. (MIRA 16:4)
(Moscow—Trolley buses)

TOMLYANOVICH, D.K., kand.tekhn.nauk

Conference to discuss the new "Technical rules on the
operation of streetcars and trolleys." Elektrichesstvo
no.6:96 Je '60. (MIRA 13:7)

1. Akademiya kommunal'nogo khozyaystva.
(Trolley buses—Congresses)
(Streetcars—Congresses)

ZAGAYNOV, Nikolay Alekseyevich; TOMLYANOVICH, D.K., red.; OTOCHEVA,
M.A., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Traction substations for streetcars and trolley buses;
automation and remote control] Tiagovye podstantsii tramvaiia i
trolleibusu; avtomatika i teleupravlenie. Moskva, Izd-vo M-va
kommun. khoz. RSFSR, 1961. 399 p. (MIRA 15:4)
(Electric substations) (Streetcars) (Trolley buses)

Tomlyanovich 444.

24 (5) PLATE I BOOK EXPLOITATION 307/1982

Teoriya i praktika protivokorozionnoy zashchity metallov.
Gda, Rostov, 1956.

Teoriya i praktika protivokorozionnoy zashchity podzemnykh
materinennykh struktur sovushchaniya (Theory and Application of
Anti-corrosion Measures of Subterranean Installations). Trans-
actions of the 6th All-Union Conference on Corrosion and
Protection of Metals (Moscow, 1956). Moscow, 273 p. Kratai slip
inserted. 3,000 copies printed.

Sponsoring Agency: Akademiya Nauk SSSR. Institut fizicheskoy
khimii. Kandidat po korróziye metalla.

Material Board: I.M. Yerabov, Candidate of Technical Sciences;
L.P. Lomov, Candidate of Chemical Sciences; Yu.M. Mikhaylovich,
candidate of Chemical Sciences; T.V. Strizhevskiy, Candidate
of Technical Sciences; N.D. Tomashov, Professor, Doctor of
Chemical Sciences; and P.P. Schel'tsev, Candidate of Chemical

Card 1/7

Sciences; Rasp. Ns. 1. N.D. Tomashov, Professor, Doctor of
Chemical Sciences; Ed. of Publishing House: A.E. Bankrizer;

Text Ed.: V.S. Makina.

Purpose: The book is intended for chemists, engineers, and
metallurgists concerned with the problem of metal corrosion
in underground installations.

Content: The book contains the papers read at the All-Union
Conference of the Committee on the Control of Corrosion of
the Academy of Sciences, USSR, held in May, 1956. The following
scientific and technical problems discussed at
the conference received particular attention: 1) theory
of metal corrosion underground (N.D. Tomashov and S.I.
Kurnakov); 2) theory, calculation, and practical application
of cathodic and anodic protection of underground installations
(A.P. Lomov, V.M. Yerabov, V.G. Kotik, V.V. Krasnopol'skiy,
and A.M. Tselkov); 3) study of the anticorrosive properties
and the improved technology in manufacturing and applying
protective coatings to subterranean metallic installations
(A.A. Tselkov, V.I. Zhukov, M.B. Dzhafarov, and V.S.
Artamonov); 4) prevention of stray current corrosion (V.Y.
Strizhevskiy, J.R. Tomashov, F.D. Borodavtsev, and
S.N. Strizhevskiy).

Card 2/7

L.I. Gerasimov: 1) development of methods for determining
the corrosion activity of soils (Yu. M. Mikhaylovich,
N.D. Tomashov, N.S. Tricik, and V.V. Krasnopol'skiy); 2) con-
crete examples of corrosion and protection of underground
installations (S.O. Fedotov and V.J. Artyukov); 3) cathodic
and anodic protection of pipelines. There are 160 references, 128 of which are
Soviet, 30 English, and 3 German.

Table of contents:

Dvorenko, V.V. The Problem of Determining the
Corrosion Resistance of Soils (Yu. M. Mikhaylovich,
N.D. Tomashov, N.S. Tricik, and V.V. Krasnopol'skiy) 210
Concrete Examples of Construction and Protection of Underground
Installations (S.O. Fedotov and V.J. Artyukov) 211
Soil-Soil-Underground Installation Systems in the
Drainage Protection 212

Tomashov, D.R. Leaks of Current in the Rail
Network-Electrified Railroads and an Analysis
of Methods Used for Identifying It 167

Dvorenko, P.G. Electrical Protection of Trunk
Pipelines Against Stray Currents 168

Gerasimov, A.I. Protection of the Moscow Under-
ground Pipeline Against Corrosion Caused by Stray Currents 167

Card 3/7

ZALAYNOV, N.A., kand. tekhn. nauk; TOMLYANOVICH, D.K., kand. tekhn. nauk.

Scientific and technical conference on power supply for municipal
transportation. Elektrichestvo no.2:94-95 F '58. (MIRA 11:2)

1. Tsentral'naya komissiya elektrosnabzheniya Sektsii gorodskogo
elektrotransporta Nauchno-tehnicheskogo obshchestva sanitarnoy
tekhniki i gorodskogo khozyaystva.
(Street cars) (Trolley buses)

TOMLYANOVICH, D.K., kand. tekhn. nauk.

Conference in Odessa on the control of corrosion due to eddy currents. Elektrичество no.4:83 Ap '58. (MIRA 11:5)
(Electrolytic corrosion)

AUTHOR: Tomlyanovich, D. K., Candidate of Technical Sciences 105-58-4-23/37

TITLE: The Odessa Conference on the Fighting of Corrosion Caused by Stray Currents (Konferentsiya v Odesse po bor'be s korroziyey ot bluzdayushchikh tokov)

PERIODICAL: Elektrichestvo, 1958, Nr 4, pp. 83-83 (USSR)

ABSTRACT: In November 1957 a scientific technical conference for the fighting of corrosion in underground metal buildings caused by stray currents of the electrified line network took place. The conference was organized by the Odessa branch of the NTOEP, by the NTO of the Santechnika as well as by the Municipal Administration. 187 delegates from various towns of the Union, from tram and trolley-bus enterprises, subway, cable and underground pipe-laying enterprises, and development organizations took part.
I. V. Strizhevskiy, Candidate of Technical Sciences, reported on the work carried out by the inter-administrational commission at the Gosstroy SSSR. D. K. Tomlyanovich, Candidate of Techn. Sciences, gave a survey on the "Present Stage of the Problems Concerning the Pro-

Card 1/3

The Odessa Conference on the Fighting of Corrosion
Caused by Stray Currents

105-58-4-23/37

tection on Underground Buildings Against Corrosion
Caused by Stray Tram Currents." D. A. Yastrzhembskiy,
Engineer, spoke on the "Effectivity of Carrying out
Existing Protective Regulations for Decreasing the Po-
wer of Stray Currents by the Means of Tram Lines" and
on "Special Regulation Characteristics of Booster Aggre-
gates as Means for Balancing the Feeding Point Potentials
in Tram Systems." Docent Ye. V. Chebotarev, Candidate
of Techn. Sciences lectured on "Automatic Control of
Feeding Point Potentials by Means of Selenium Rectifiers
and Saturation . . ." D. B. Lomazov, Candidate of Techn.
Sciences, lectured on the "Analysis of Methods for the
Protection of Underground Metal Buildings Against Corro-
sion." A. A. Kulikov, Engineer, spoke on the "Increase
of the Transition Resistance in Tramlines as Means of
Fighting Stray Currents." V. P. Istratov, Engineer, re-
ported on the "Measures Taken at the Moscow Tramlines
for Fighting Stray Currents." V. V. Vorms, Engineer, and
G. A. Poroshenkov, Engineer, characterized the organiza-
tional and technical side of the measures taken in Lenin-

Card 2/3

The Odessa Conference on the Fighting of Corrosion 105-58-4-23/37
Caused by Stray Currents

grad for the decrease of the danger of corrosion in un=derground buildings at the sources of stray currents. D. Ya. Gurevich, Engineer, described the electronic integrator used for measuring the potentials in corrosion investigations in Leningrad. A. A. Kononenko, Engineer, and S. A. Kishlalvants, Engineer, both representatives of the town of Kiyev, and V. P. Odyn', Engineer, representative of the town of Riga, reported on the experience in fighting the corrosion caused by stray currents in power and telephone cables.

AVAILABLE: Library of Congress

1. Corrosion-Conference

Card 3/3

Strizhevskiy, Iosif Veniaminovich; Tomlyanovich, David Karlovich;
Magnichkina, V.P., redaktor; Otocheva, M.A., redaktor izdatel'stva;
Konyashina, A.D., tekhnicheskij redaktor

[Stray currents and electrical methods of protection from corrosion;
theory and calculation] Bluzhdaiushchie toki i elektricheskie metody
sashchity ot korrozii; teoriia i raschet. Moskva, Izd-vo M-va
kommun.khoz. RSFSR, 1957. 201 p.
(MLRA 10:7)
(Electrolytic corrosion) (Electric currents, Leakage)

Tentative cover art, U. K.

18(7);6(7)

PHASE I BOOK EXPLOITATION

SOV/2246

Zashchita podzemnykh metallicheskikh sooruzheniy ot korrozii; spravochnik. (Protection of Underground Metal Structures From Corrosion; Manual) Moscow, Izd-vo M-va kommunal'nogo khoz. RSFSR, 1959. 743 p. Errata slip inserted. 6,000 copies printed.

Ed.: N.I. Ryabtsev; Ed. of Publishing House: V.G. Akatova: Tech.
Ed.: Ye. S. Petrovskaya.

PURPOSE: This collection of articles is intended as a manual on corrosion protection of underground metal structures.

COVERAGE: The book is divided into four parts. The first part gives information on the characteristics of underground metal structures and sources of stray currents. The second part deals with the theory of soil corrosion of metals and the theory of corrosion of metals by stray current. The third part deals with the problem of combating leakage from sources of stray current, methods and devices for investigating corrosion and the fundamentals of planning corrosion prevention. The fourth part explains measures for preventing corrosion of underground metal structures and gives the basic operating principles of equipment involved. No personalities are mentioned. References follow

Card 1/26

Protection of Underground Metal (Cont.)	SOV/2246
Control cables insulated with impregnated paper in extruded aluminum sheathing	68
Communications cables	69
Signal, and block cables insulated with impregnated paper and contained in lead sheathing	74
Bibliography	75
Ch. III. Sources of Stray Currents	76
1. Streetcar tracks (<u>D.K. Tomlyanovich</u> , Candidate of Tech- nical Sciences)	76
1. General data	76
2. Causes of current leakage from traction load	77
3. Characteristics of traction load	78
4. Characteristics of track	78
II. D-c electric railroad system (<u>I.M. Yershov</u> , Candidate of Technical Sciences)	79
1. General data	79
2. Causes of current leakage from traction load	80

Card 5/26

Protection of Underground Metal (Cont.)

SOV/2246

II. Importance of the corrosion products of lead in the development of the corrosion process	162
III. Corrosion behavior of lead cable sheathing in aqueous media	165
IV. Corrosion behavior of lead cable sheathing under different soil conditions	178
V. Possibility of increasing corrosion of underground cable sheathing by the action of macrocoupling	192
VI. Corrosion of lead cable sheathing in contact with steel armor	193
VII. Behavior of lead during cathodic polarization and protective potentials	195
	202

Bibliography

Ch. VI. Theory of Corrosion of Underground Metal Structures in a Field of Stray Currents	203
I. General premises (I.V. Strizhevskiy, Candidate of Technical Sciences, and D.K. Tomlyanovich, Candidate of Technical Sciences)	203

Card 9/26

Protection of Underground Metal (Cont.)

SOV/2246

1. Processes of metal corrosion in stray current fields	203
2. Principles of the protection of underground structures	206
II. Fundamentals of the theory of distribution of currents and potentials in railroad networks (B.G. Lortkipanidze, Candidate of Technical Sciences)	207
1. Single extended conductor with leakage	207
Basic formulas for potentials and current distribution in a single extended conductor with leakage	208
Single concentrated load	215
Two concentrated loads	220
Several concentrated loads	220
Distributed load	221
Mixed load	225
2. Branch network with one branch point	
III. Fundamentals of the theory of distribution of currents and potentials in streetcar tracks (D.K. Tomlyanovich and I.V. Strizhevskiy)	229
1. Section of rail network with two-sided drainage and concentrated moving load	229
Design formulas for the general case	230

Card 10/26

Protection of Underground Metal (Cont.)

SOV/2246

5. Field of cathodic installation 281
6. Field of a d-c transmission line (K.K. Nikol'skiy) 283

PART THREE. COMBATTING LEAKAGE OF CURRENTS AND
DESIGNING PROTECTIVE MEASURES

Ch. VII.	Measures for Limiting and Reducing Leakage of Current	289
I.	Measures for limiting and reducing leakage of current from streetcar tracks (I.V. Strizhevskiy and D.K. Tomlyanovich)	289
1.	Factors affecting leakage of current	289
	Regulating the potentials of drainage points	293
	Regulating the potentials of drainage points during draining	296
	Feed schemes and subdivision of streetcar contact networks	297
2.	Measures for limiting and reducing leakage of current	298
	Design and construction measures	299
	Operational measures	313

Card 12/26

· Protection of Underground Metal (Cont.)	SOV/2246
V. Cost of bituminous coatings Insulating piping with hydrophobic materials (L.Ya. Tsikerman, and Ye. I. Panov)	471
VI. Insulating piping with cement coverings (L.Ya. Tsikerman)	476
VII. Reinforced concrete insulation (L. Ya. Tsikerman)	478
VIII. Pitch and asphalt-pitch insulation (L. Ya. Tsikerman)	483
IX. Polychlorovinyl and vinyl plastic insulation (L. Ya. Tsikerman)	486
X. Design of anticorrosion insulation for underground metal pipelines (L. Ya. Tsikerman)	488
XI. Methods of determining the resistance of insulating coatings (V.V. Krasnoyarskiy, Engineer)	506
	517

Bibliography

Ch. XI. Electrical Methods for Protecting Underground Metal Structures From Corrosion	518
I. Theory of electrochemical protection (V.V. Krasnoyars- skiy)	518
II. Electric drainage protection	529
1. General premises (B.G. Lortkipanidze, I.V. Strizhev- skiy, and D.K. Tomlyanovich)	529

Card 21/26

STRIZHEVSKIY, I.V., kandidat tekhnicheskikh nauk; TOMLYANOVICH, D.K., kandidat tekhnicheskikh nauk.

The importance of protecting underground metal pipes under minimal drainage flow. Gor.khoz.Mosk.30 no.2:23-25 P '56. (MLRA 9:6)

1.Akademiya kommunal'nogo khozyaystva.
(Pipelines) (Electrolytic corrosion)

ZAGAYNOV, Nikolay Alekseyevich; TOMLYANOVICH, D.K., red.; NIKOLAYEVA, T.A., red.izd-va; LELYUKHIN, A.A., tekhn.red.

[Traction substations of city electric transportation systems]
Tiagovye podstantsii gorodskogo elektricheskogo transporta.
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 445 p.

(MIRA 13:12)

(Street railways)

(Electric railroads--Substations)

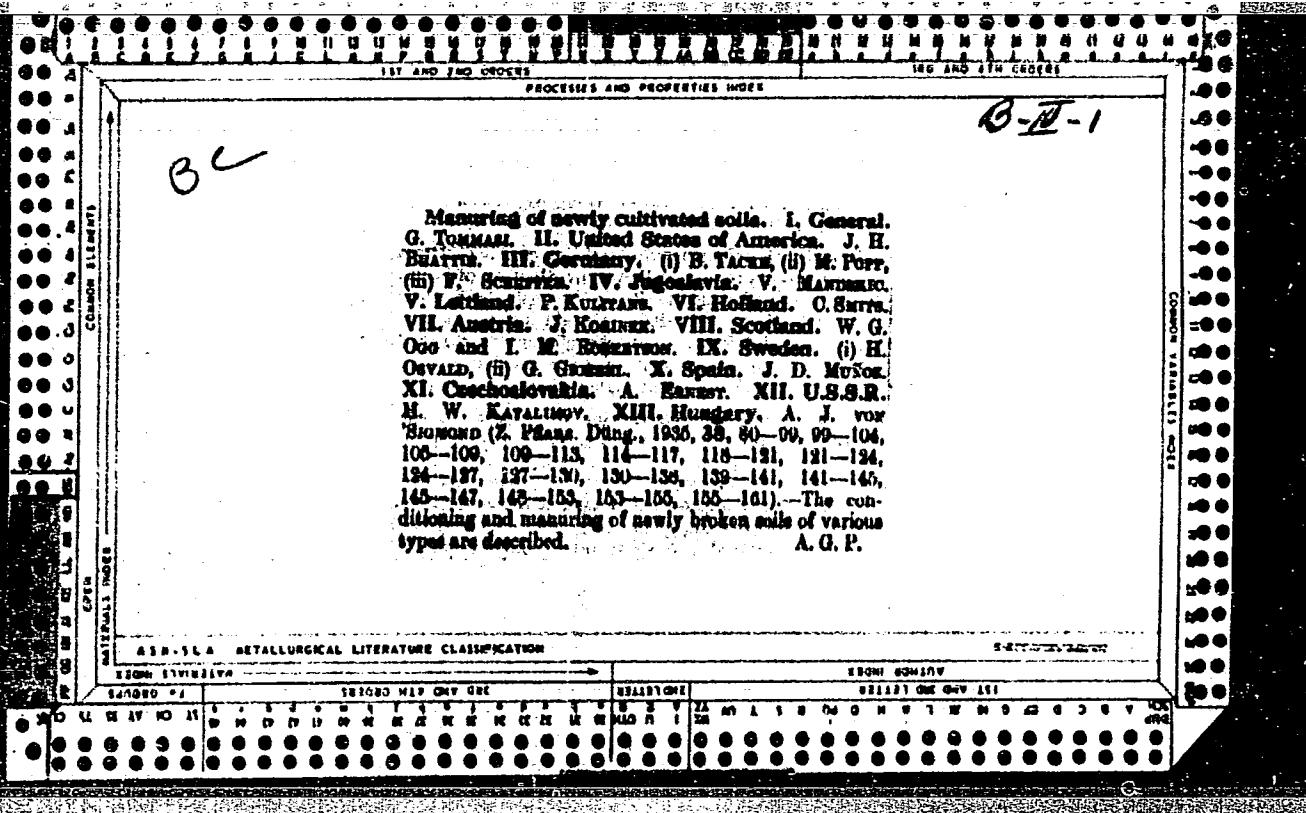
BUZETTI, D.K.; TOMLYANOVICH, D.K.

Study of protection against small short-circuit currents. Sbor.
nauch.rab.AKKH no.13:49-58 '62. (MIRA 16:4)
(Short circuits) (Streetcars) (Trolley buses)

TOMLYANOVICH, D. L.

STRIZHEVSKIY, I.V., kandidat tekhnicheskikh nauk; TOMLYANOVICH, D.L., kandidat tekhnicheskikh nauk.

Highly sensitive drain gauges for protection of underground installations from vagrant currents. Gor.khoz.Mosk. 28 no.4:29-32 Ap '54. (MLRA 7:6)
(Electric currents, Vagrant)



KARAVAYEVA, S., MURAVIN, I., TOMME, L., MOZGOVAYA, R.

Slaughtering and Slaughterhouses

How cattle are kept before slaughtering. Mias. ind. 23 no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

1. TOME, L.
2. USSR (600)
4. Swine - Feeding and Feeding Stuffs
7. Using vitamin preparations in fattening hogs. Mias. ind. SSSR 23 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

TOMME, L.; KARAVAEVA, S.; ROGOV, G.

Comparison of meat production and quality of hogs of different breeds.
Myasnaya Ind. S.S.S.R. 24, No.2, 63-8 '53. (MLRA 6:4)
(CA 47 no.15:7690 '53)

TOMME, L., kandidat sel'skokhozyaystvennykh nauk; MURAVIN, I., zootekhnik.

Determining the pre-slaughter fasting period for hogs. Mias.ind.
SSSR 24 no.6:52-54 '53. (MLRA 6:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.

(Pork industry)

TOMME,M.F.; TOMME,L.G., kandidat sel'skokhozynystvennykh nauk

Using vitamin A,D,B₁, B₂, C, and PP preparations for fattening
swine. Vit.res. i ikh isp. no.2:155-173 '54. (MIRA 8:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy pro-
myshlennosti.
(Vitamins) (Swine--Feeding and feeding stuffs)

~~TOMMIS, L.G.~~, kandidat sel'skokhozyaystvennykh nauk; MOZGOVAYA, R.P., kandidat sel'skokhozyaystvennykh nauk; KARAVAYEVA, S.G.; SADOVNIKOVA, N.V.

Maintenance of cattle before slaughtering. Trudy VNIIM no.6:140-158
'54. (Cattle) (MIR 10:8)

~~TOMMY, L.G.~~ kandidat sel'skokhozyaystvennykh nauk; KARAVAYEVA, S.G.;
~~MURAVIN, I.V.~~

Maintenance of hogs before slaughtering. Trudy VNIIMS no.6:159-163
'54. (MLRA 10:8)
(Swine)

KOZLOVSKIY, V., kandidat sel'skokhozyaystvennykh nauk; TONNE, L.,
kandidat sel'skokhozyaystvennykh nauk.

Standardizing the hog fattening system. Mias.ind.SSSR 25 no.1:50-52 '54.
(MLRA 7:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Swine--Feeding and feeding stuffs)

TOMME, L., zoetekhnik.

Progressive practices on cattle drives. Mias.ind.SSSR 26 no.6:
44-45 '55. (MLRA 9:2)
(Cattle--Transportation)

TOMME, L., kandidat sel'skokhozyaystvennykh nauk; PANOV, Ye.; KOTOV, P.

Using corn for fattening cattle. Mias. ind. SSSR 27 no.4:
40-41 '56. (MLRA 9:10)

1. Starshiy zootehnik sovkhoza "Khutorok" (for Kotov).
(Corn (Maize)) (Feeding and feeding stuffs)

BELEN'KIY, N.G., akademik; POZHARISKAYA, L.S., kand. biol. nauk; POLONSKAYA,
L.B., kand. tekhn. nauk; TOMME, L.G., kand. sel'skokhozyaystvennykh
nauk; KUKHARKOVA, L.L., starshiy nauchnyy sotrudnik.

New methods for utilizing the blood of slaughter-stock as feed.
Zhivotnovodstvo 20 no.5:70-75 My '58. (MIRA 11:5)
(Blood as food or medicine) (Meat industry--By-products)
(Feeding and feeding stuffs)

BELEN'KIY, N.G., akademik; POZHARISKAYA, L.S., kand. biol. nauk; POLONSKAYA,
L.B., kand. tekhn. nauk; TOMME, L.G., kand. zootekhn. nauk;
KUKHARKOVA, L.L.

Methods of preserving the blood of slaughter animals and using it
for fattening swine. Dokl. Akad. sel'khoz. 23 no. 6:27-32 '58.
(MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Blood--Collection and preservation)
(Swine--Feeding and feeding stuffs)

TOMME, M. F.

25864. TOMME, M. F. Bliyanie razlichnykh preparatov sery na rost shersti u krolikov. Trudy Vsesoyuz. nauch.-issled. in-ta zhivotnovodstva, t. XVI, 1949, S. 53-77.--Bibliogr: 6 nazv.

So. Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

TOMME M F.

Obsnchaya zootekhnika. (General Animal husbandry by M. F. Tomme Ye A. Novikov.
Moskva, sel knozgiz 1950.

472 p. illus. diagrs., tables.

At head of title: Uchebniki i Uchebnyye posobiya dlta seli skomndz yaysyyennyk tennikum
Book consists of two parts. 1) Fundamentals about feeding of livestock, 11) Funda-
mentals on livestock breeding. It is a manual for sootechnical schools, compiled
according to schedule of corresponding course, approved by the ministry of

TOMME, M. F.

Agriculture

Output from slaughtering farm animals. Moskva, Pischepromizdat, 1951.

Monthly List of Russian Accessions, Library of Congress, June 1952 UNCLASSIFIED

1. M. F. TOMIC
2. USSR (600)
4. Agriculture - Biography
7. In memory of Academician M. I. D'iakov. Sots. zhiv. 14 no. 12. 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. TOMME, M. F.
2. USSR (600)
4. Feeding and Feeding Stuffs
7. Studies on the feeding of farm animals. Trudy VIZh 20 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

TOMME, M. F., SIMON, E.I., KONDYREV, V., KABOZOV, S., BEREZOVSKIY, A.
Feeding and Feeding Stuffs

Feeding chaff to horses. ("Preparation of feed stuffs for feeding." Prof. M.F. Tomme,
E. I. Simon: "Organize the preparation of feed stuffs on every farm." V. Kondyrev,
S. Kabozov, A. Berezovskiy. Reviewed by N.A. Leyzerson). Konevodstvo 22 no. 8, 1952.

Monthly List of Russian Accessions. Library of Congress November 1952 UNCLASSIFIED.

KARAVAYEVA, S., MURAVIN, I., TOMNE, MOZGOVAYA, R.

Cattle

How cattle are kept before slaughtering. Miss. Ind. 23 No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

1. TONNE, V. F.,; BUSEV, G. S.; YAGOVKIN, A. F.; UTKIN, V. P.
2. USSR (600)
4. Straw
7. Efficient way to prepare straw for feed, Sots. zhiv., 15, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

TOMME,M.F.; TOMME,L.G., kandidat sel'skokhozyaystvennykh nauk

Using vitamin A,D,B₁, B₂, C, and PP preparations for fattening
swine. Vit.res. i ikh isp. no.2:155-173 '54. (MLRA 8:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy pro-
myshlennosti.
(Vitamins) (Swine--Feeding and feeding stuffs)

TOMME, M.P.

[Methods of studying the digestability of fodder and rations]
Metodika izuchenija perevarimosti kormov i ratsionov. Moskva,
1955. (MLRA 10:4)
(Feeding and feeding stuffs--Analysis)

TOMME, M.F.

[Methods of determining the nutritional value of nitrates in feeds
for growing pigs and young cattle] Metodika opredeleniya pitatel'nosti
azotistykh veshchestv kormov dlja rastushchikh svinej i molodniaka
krupnogo rogatogo skota. Moskva, 1955. 16 p. (MIRA 10:11)
(Feeding and feeding stuffs--Analysis)

TOMME, M.F.; ZAKHARCHENKO, I.M.

[Instructions for taking and preserving samples of feed for
chemical analysis] Instruktsiya po vziatiyu i khraneniu
obraztsov kormov dlia khimicheskogo analiza. Moskva, vsesoiuznyi
nauchno-issledovatel'skii institut zhivotnovodstva. 1955.
30 p.

(MLRA 10:4)

(Feeding and feeding stuffs--Analysis)

TOMME, M.F.

[Methods for evaluating the nutritive value of feeding stuffs for
milk cows, hogs, and sheep] Metodiki otsenki pitatel'nosti kormov
vlija molochnykh korov, svinei i ovets. Moskva, 1955. 52 p.
(Feeding and feeding stuffs--Analysis) (MLRA 10:2)

TOMME, M.F.redaktor

[Innovations in barn and pasture fattening of cattle and sheep]
Novoe po otkormu i nagulu krupnogo rogatogo skota i ovets. Moskva,
Gos. izd-vo selkhoz lit-ry, 1956. (MLRA 10:4)
(Cattle--Feeding and feeding stuffs)
(Sheep--Feeding and feeding stuffs)

TOMMIS M.V.

[Methods of determining the caloric content of feeding stuffs]
Metodika opredeleniya kaloriinosti kormov i veshchestv. Moskva,
(MLRA 10:5)
1956. 25 p.
(Feeding and feeding stuffs--Analysis)

TOMME, M.F.

[Methods in research on slaughterhouse by-products and meat]
Metodika izucheniiia uboinykh vykhodov i miasa. Moskva, 1956.
31 p. (MLRA 10:4)
(Meat)

TOMME, M.F., doktor sel'skokhozyaystvennykh nauk, otvetstvennyy redaktor;
PODIAZOV, K.M., redaktor; GERASIMOVA, Ye.S., tekhnicheskiy redaktor

[Innovations in feeding farm animals; a collection of translations
from foreign periodical literature] Novos v kormlenii sel'sko-
khoziaistvennykh zhivotnykh; sbornik perevodov iz inostrannoi
periodicheskoi literatury. Otv. red. M.F.Tomme. Moskva, Izd-vo
inostrannoi lit-ry. Vol. 1956. 375 p. (MLRA 9:11)
(Feeding and feeding stuffs)

MAGIDOV, G.A., kandidat sel'skokhozyaystvennykh nauk [translator];
~~TOMME, M.F.~~, doktor sel'skokhozyaystvennykh nauk, professor, redaktor;
SHERGIN, N.P., doktor biologicheskikh nauk, professor, redaktor;
NOVIKOV, Ye.A., kandidat sel'skokhozyaystvennykh nauk, redaktor;
SOKOLOV, A.V., redaktor; SMIRNOVA, N.I., tekhnicheskiy redaktor

[Physiological significance of the vitamin B group. Animal nutrition and fertility. Present-day opinions on livestock breeding methods. Translated from the English, German and French] Fiziologicheskoe znachenie vitaminov gruppy B. Pitaniye zhivotnykh i plodovitost'. Sovremennye v ragliady na metody razvedeniia sel'ekokhoziaistvennykh zhivotnykh. Perevod s angliiskogo, nemetskogo i frantsuzskogo G.A. Magidova. Pod red. i s predisl. M.F.Tomme, N.P.Shergina, Ye.A.Novikova. Moskva, Izd-vo inostr. lit-ry, 1957. 289 p. (MLRA 10:10)

1. International congress of animal husbandry. 6th, Copenhagen,
1952.
(Vitamins-- B) (Stock and stockbreeding)

TOMME, M.F., prof., doktor sel'skokhozyaystvennyich nauk, red.; ROMANOVICH,
Ye.F., red.; BALLOD, A.I., tekhn. red.

[Feeding standards and composition of rations for livestock]
Normy kormleniya i ratsiony dlia sel'skokhoziaistvennykh zhivotnykh.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 503 p. (MIRA 11:10)
(Feeding and feeding stuffs)

USSR / Farm Animals. General Problems

Q-1

Aba Jour : Ref Zhur-Biol., No 6, 1958, 26091

Author : Tommo M.F.

Inst : Not given

Title : Summing up the Results of the Conference on the Utilization of Corn Fodder (Itogi soveshchaniya po ispol'zovaniyu kukuruznykh kormov)

Orig Pub : Kukuruza, 1957, No 7, 46-50

Abstract : On the basis of the generalized production experience and special studies on the use of corn in various forms as a fodder for the farm animals, the results of which were made known at the conference in 68 reports, recommendations were made concerning proper utilization of corn fodder in animal husbandry.

Card 1/1

2

TOMME, H.F.

International conference on judging the nutritive value of feeds.
Zhivotnovodstvo 20 no. 10:86-88 O '58. (MIRA 11:10)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina i Nemetakoy akademii sel'skokhozyaystvennykh nauk.

(Feeding and feeding stuffs)

TOMME, M.F.

Fodder yeast in animal husbandry. Gidroliz. i lesokhim.prom.
12 no.1:6-8 '59. (MIRA 12:2)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystven-
nykh nauk im. Lenina.
(Feeding and feeding stuffs) (Yeast)

TOMME, M.F., red.

[Preparation of straw as feeding stuff] Podgotovka solomy k
skarmlivaniu. Izd.3., ispr. Moskva, Gos.izd-vo selkhoz.lit-ry,
1959. 61 p.
(Straw)

TOMME, M.F., prof., doktor sel'khoz. nauk; BABKINA, N.G., red.

[Feeds of the U.S.S.R.; composition and food value] Korma
SSSR; sostav i pitaiel'nost'. Izd.4. Moskva, Izd-vo "Kolos,"
1964. 446 p. (MIRA 17:8)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Tomme).

TOMME, M.F., red.; BRUSANOV, N.A., red.; BALLOD, A.I., tekhn.red.
FEDOTOVA, A.F., tekhn. red.

[Feed rations and feeding norms for farm animals] Kormovye
ratsiony i normy kormleniya dlja sel'skokhoziaistvennykh
zhivotnykh. Moskva, Sel'khozizdat, 1963. 383 p.
(MIRA 17:4)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokho-
zyaystvennykh nauk imeni V.I.Lenina (for Tomme).

TOMME, M.F.; NOVIKOV, Ye.A.; NECHIPORUK, L.P., red.; KOBYAKOVA,
G.N., tekhn. red.

[General zootechny] Obshchaia zootekhnika. Izd.3., perer.
i dop. Moskva, Sel'khozizdat, 1963. 534 p. (MIRA 17:4)

TOMME, M.F., prof., red.; KHMELEVSKIY, B.N., red.; TRUKHINA, O.N.,
tekhn. red.

[Carbamide in the feeding of ruminants] Karbamid v kormlenii
zhvachnykh zhivotnykh. Pod obshchei red. M.F.Tomme. Moskva,
Sel'khozizdat, 1963. 246 p. (MIRA 16:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.
V.I.Lenina.2. Chlen-korrespondent Vsesoyuznoy akademii sel'-
skokhozyaystvennykh nauk im.V.I.Lenina (for Tomme).
(Cattle--Feeding and feeds)
(Sheep--Feeding and feeds)(Urea as feed)

TOMME, M.F., prof., doktor sel'khoz. nauk, red.; KRYLOV, G.A., red.;
YEMEL'YANOV, F.V., red.; KARTASHEVA, N.M., red.; ANTONOVA,
N.M., tekhn. red.

[Forage quality of corn] Kormovoe dostoinstvo kukuruzy. Pod
red. M.F.Tomme. Moskva, Izd-vo M-va sel'.khoz.SSSR, 1959.
413 p. (MIRA 16:4)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
zhivotnovodstva. 2. Chlen-korrespondent Vsesoyuznoy sel'sko-
khozyaystvennoy akademii im. V.I.Lenina i Vsesoyuznyy nauchno-
issledovatel'skiy institut zhivotnovodstva (for Tomme).
(Corn as feed)

DEVYATKIN, Anatoliy Ivanovich, kand. sel'khoz. nauk; TOMME, M.F.,
prof., red.; NECHIPORUK, L.P., red.; GUREVICH, M.M.,
tekhn. red.

[Using straw in livestock farming; preparation and feeding]
Ispol'zovanie solomy v zhivotnovodstve; podgotovka i skar-
mlivanie. Pod red. M.F.Tomme. Moskva, Sel'khozizdat, 1962.
78 p. (MIRA 15:10)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyay-
stvennykh nauk im. V.I.Lenina (for Tomme).
(Straw as feed)

TOMAS-SAAKYANTS, Ye.M., kand. med. nauk

Role of immunobiological factors in the blood in cutaneous homoplasty.
Voen. med. zhur. no.4:26-30 Ap '57 (MIRA 12:7)

(BLOOD GROUPS,

immunol. blood factors in homoplastic skin transpl. (Rus))

(SKIN TRANSPLANTATION,

immunol. blood factors in homoplastic transpl. (Rus))

YAROSHENKO, M.F.; TOMNATIK, Ye.N.; NABEREZHNYY, A.I.; VAL'KOVSKAYA, O.I.;
KARLOV, V.I.

Food interrelationships of some species of fishes in Dubossary
Reservoir. Trudy Inst.biol.Mold.fil.AN SSSR 2 no.1:35-68 '60.
(MTRA 16:4)
(DUBOSSARY RESERVOIR--FISHES--FOOD)

TOMMATIK, Ye. N.

Name: TOMMATIK, Ye. N.

Dissertation: The ecological conditions and the peculiarities in the development and growth of the carp in the ponds of the northern zone of Moldavia

Degree: Cand Biol Sci

Defended at
Defence Date, Place: Min Higher Education USSR, Dnepropetrovsk State U imeni the 300th Anniversary of the Union of the Ukraine and Russia

Publication
Defense Date, Place: 1956, Dnepropetrovsk

Source: Knizhnaya Letopis', No 47, 1956

YAROSHENKO, M.F., otv. red.; NABERZHNYY, A.I., kand. biol. nauk,
red.; TOMNATIK, Ye.N., kand. biol. nauk, red.;
DRYAKHLOVA, V.I., red.; POLONSKIY, S.A., tekhn. red.

[Biological resources of the bodies of water of Moldavia]
Biologicheskie resursy vodoemov Moldavii. Kishinev, Izd-
vo "Shtiintsa" Akad.nauk Moldavskoi SSR, 1962, 85 p.
(MIRA 16:4)

1. Akademiya nauk Moldavskoy SSR. Institut zoologii.
2. Chlen-korrespondent Akademii nauk Meditsinskoy SSR (for
Yaroshenko).

(Moldavia--Freshwater biology)

YAROSHENKO, M.F., doktor biol. nauk, red.; NABEREZHNYY, A.I.,
kand. biol. nauk, red.; TOMNATIK, Ye.N., kand. biol. nauk,
red.; KARYAKINA, I.I., red.; LEDVICH, M.M., tekhn. red.

[Transactions of the Zonal Conference on the Typology and
Biological Basis for the Use of Inland (Freshwater) Bodies
of Water of the Southern Zone of the U.S.S.R. for Fish
Farming] Trudy Zonal'nogo soveshchaniia po tipologii i biolo-
gicheskому обоснованию рыбокомыственного использования
внутренних (пресноводных) водоемов южной зоны СССР,
Кишинев, Изд-во "Штиинца" АН Молдавской ССР, 1962. 415 p.
(MIRA 16:7)

1. Zonal'noye soveshchaniye po tipologii i biologicheskому
обоснованию рыбокомыственного использования внутренних
(пресноводных) водоемов южной зоны СССР, Кишинев, 1960.
(Fish culture—Congresses)

BYZGU, S.Ye., mlad. nauchn. sotr.; DYMCHISHINA-KRIVENTSOVA, T.D.,
mlad. nauchn. sotr.; NABEREZHNYY, A.I., kand. biol. nauk;
TOMNATIK, Ye.N., kand. biol. nauk; SHALAR', V.M., mlad.
nauchn. sotr.; YAROSHENKO, M.F., doktor biol. nauk;

[Dubossary Reservoir; development and piscicultural
significance] Dubossarskoe vodokhranilishche; stanovlenie i
rybokhoziaistvennoe znachenie. [By] S.E.Byzgu i dr. Moskva,
(MIRA 18:3)
Nauka, 1964. 228 p.

1. Chlen-korrespondent Akademii nauk Moldavskoy SSR (for
Yaroshenko).

CHMILIN, Ye. N.; VYDUNOV, M. I.; BYRDOV, V. I.

Intelligence in small enterprises of Moldavia and much of its
territorial changes. BISH. RES. REP. M.D. NO. 524/24.51. '82.

(M.R. 1816)

KARLASHOV, A.V.; TOMNIKOV, Yu.V.

Corrosion-fatigue strength of duralumin in the presence of
stress concentrates. Fiz.-khim. mekh. mat. 1 no.2:188-192 '65.
(MIRA 18:6)

1. Kiyevskiy institut grazhdanskoy aviatii, Kiyev.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220011-6

AUGUST 2001 RELEASE UNDER E.O. 14176

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220011-6"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220011-6

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220011-6"

MOSKVIN, L. N.; TOMNLOV, S. B.

"Fractionation Chromatography on Fluoroplastic⁴. Separation of Trace Quantities of Eu from a Target of Tb_2O_3 Irradiated by Fast Neutrons."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22 Feb 64.

Radiyevyy Institut (Radium Inst)

Defektoskopiia materialov, L.K.

SOKOLOV, Vasiliy Stepanovich, ENTIN, S.D., nauchnyy red.; TOMOCHENKO, L.K.,
nauchnyy red.; YAKUBOVICH, T.S., nauchnyy red.; SINITSIN, S.N.,
nauchnyy red.; KORIKOVSKIY, I.K., red.; MEDVEDEV, L.Ya., tekhn.red.

[Detection of flaws in materials] Defektoskopiia materialov.
Moskva, Gos.nerg.izd-vo, 1957. 239 p. (MIRA 11:2)
(Metals--Testing)

TOMOIAGA, Radu, ing.; GOLDENBERG, Sergiu, ing. (Bucuresti)

Contributions to the designing of kinematic elements of
contactors. Electrotehnica 12 no. 3:104-117 Mr '64.

1. Head of the Electrotechnical Laboratory in the "Electraparataj"
Enterprise (for Tomoiaga).
2. Electrotechnical Laboratory, "Electroaparataj" Enterprise
(for Goldenberg).